AMENDMENTS TO THE CLAIMS

Docket No.: 0171-1012P

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

- 1. (Currently Amended) A silicone adhesive exhibiting pressure-sensitive adhesion and permanent adhesion, comprising
- (A) 100 parts by weight of an organopolysiloxane partial condensate obtained by partial condensation of (i) a diorganopolysiloxane having a hydroxyl radical at an end of its molecular chain, represented by the following general formula (1):

$$HO - \left(\begin{array}{c} R^{1} \\ \downarrow \\ Si - O \end{array} \right)_{m} H \tag{1}$$

wherein R¹ and R² each are a substituted or unsubstituted monovalent hydrocarbon radical, wherein the diorganopolysiloxane further contains alkenyl radicals in amount of 0.02 to 0.5 mol% based on the total of R¹ and R², and m is an integer of 500 to 10,000, with (ii) an organopolysiloxane copolymer having hydroxyl radicals in a molecule and consisting essentially of R³₃SiO_{1/2} units and SiO_{4/2} units in a molar ratio of R³₃SiO_{1/2} units to SiO_{4/2} units of from 0.5 to 1.5, wherein R³ is a hydroxyl radical or a substituted or unsubstituted monovalent hydrocarbon radical,

(B) 0.1 to 20 parts by weight of: a silane or siloxane compound having a silicon atombonded alkoxy radical and an organic radical or atom selected from the group consisting of an

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alkenyl radical and a silicon atom-bonded hydrogen atom, a silane or siloxane compound having an epoxy radical and a silicon atom-bonded hydrogen atom, or a mixture thereof, and

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$$CH_{2} = CHCH_{2}$$

$$O = CHCH_{2}$$

$$O = CHCH_{2}$$

$$O = CH_{2}CH_{2}CH_{2}CH_{2}CH_{2}CH_{2}CH_{2}CH_{3}$$

$$O = CH_{2}CH_{2}CH_{2}CH_{2}CH_{2}CH_{3}$$

$$O = CH_{2}CH_{2}CH_{2}CH_{2}CH_{2}CH_{2}CH_{2}CH_{2}CH_{3}$$

$$CH_{2} = CHCH_{2}$$

$$CH_{2} = CHCH_{$$

(C) a crosslinking agent comprising (a) an organohydrogenpolysiloxane having at least two silicon atom-bonded hydrogen atoms in a molecule, in an amount to give 0.2 to 30 mol of silicon atom-bonded hydrogen atoms per mol of alkenyl radicals in components (A) and (B), and (b) a catalytic amount of a platinum base catalyst.

2-3. (Canceled)

4. (Previously Presented) A silicone adhesive film prepared by forming the adhesive of claim 1 into a film shape.

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5. (Previously Presented) A silicone rubber adhesive film prepared by forming the adhesive of claim 1 into a film shape, followed by crosslinking and curing.

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- 6. (Currently Amended) A silicone adhesive exhibiting pressure-sensitive adhesion and permanent adhesion, said silicon adhesive comprising:
- (A) 100 parts by weight of an organopolysiloxane partial condensate obtained by partial condensation of (i) a diorganopolysiloxane having a hydroxyl radical at an end of its molecular chain, represented by the following general formula (1):

$$HO - \left(\begin{array}{c} R^1 \\ \downarrow \\ Si - O \\ \downarrow \\ R^2 \end{array} \right)_m H \tag{1}$$

wherein R¹ and R² each are a substituted or unsubstituted monovalent hydrocarbon radical, wherein the diorganopolysiloxane further contains alkenyl radicals in amount of 0.02 to 0.5 mol% based on the total of R1 and R2, and m is an integer of 500 to 10,000, with (ii) an organopolysiloxane copolymer having hydroxyl radicals in a molecule and consisting essentially of R³₃SiO_{1/2} units and SiO_{4/2} units in a molar ratio of R³₃SiO_{1/2} units to SiO_{4/2} units of from 0.5 to 1.5, wherein R³ is a hydroxyl radical or a substituted or unsubstituted monovalent hydrocarbon radical,

(B) 0.1 to 20 parts by weight of: a silane or siloxane compound having a silicon atombonded alkoxy radical and an alkenyl group or an epoxy radical, a silane or siloxane compound having an epoxy radical and a silicon atom-bonded hydrogen atom, or a mixture thereof, and

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Application No. 10/644,976

Art Unit 1712

Reply to Office Action of February 23, 2007

$$CH_{2} = CHCH_{2}$$

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- (C) (a) an organohydrogenpolysiloxane having at least two silicon atom-bonded hydrogen atoms in a molecule, in an amount to give 0.2 to 30 mol of silicon atom-bonded hydrogen atoms per mol of alkenyl radicals in components (A) and (B), and (b) a catalytic amount of a platinum base catalyst.
- 7. (**Previously Presented**) A silicone adhesive film prepared by forming the adhesive of claim 6 into a film shape.
- 8. (**Previously Presented**) A silicone rubber adhesive film prepared by forming the adhesive of claim 6 into a film shape, followed by crosslinking and curing.

9-10. (Canceled)

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- 11. (Currently Amended) A silicone adhesive exhibiting pressure-sensitive adhesion and permanent adhesion, comprising:
- (A) 100 parts by weight of an organopolysiloxane partial condensate obtained by partial condensation of (i) a diorganopolysiloxane having a hydroxyl radical at an end of its molecular chain, represented by the following general formula (1):

$$HO \xrightarrow{\begin{pmatrix} R^1 \\ Si \\ R^2 \end{pmatrix}} H \tag{1}$$

wherein R^1 and R^2 each are a substituted or unsubstituted monovalent hydrocarbon radical, and m is an integer of 500 to 10,000, with (ii) an organopolysiloxane copolymer having hydroxyl radicals in a molecule and consisting essentially of $R^3_3 SiO_{1/2}$ units and $SiO_{4/2}$ units in a molar ratio of $R^3_3 SiO_{1/2}$ units to $SiO_{4/2}$ units of from 0.5 to 1.5, wherein R^3 is a hydroxyl radical or a substituted or unsubstituted monovalent hydrocarbon radical,

(B) 0.1 to 20 parts by weight of: a silane or siloxane compound selected from the group consisting of the following compounds:

glycidoxypropyltrimethoxysilane,

 ${\color{blue} {\sf glycidoxypropyltriethoxysilane,}}$

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$$\begin{array}{c} CH_{2}-CHCH_{2}OCH_{2}CH_{2}CH_{2}-\stackrel{C}{Si}-O-\stackrel{Si}{Si}-H\\ \hline O & O & O\\ \hline H-\stackrel{Si}{Si}-O-\stackrel{Si}{Si}-CH_{2}CH_{2}CH_{2}Si(OCH_{3})_{3}\\ CH_{3} & CH_{3} \end{array},$$

wherein p and r each are an integer of 0 to 50, q, s and t each are an integer of 1 to 50,

$$CH_2 = CHCH_2$$

$$O \downarrow C$$

$$CH_2 = CHCH_2$$

$$CH_2 = CHCH_2$$

$$CH_2 CH_2 CH_2 CH_2 CH_3 (OCH_3)_3$$

$$O$$

$$O$$

$$CH_2CH_2CH_2Si(OCH_3)_3$$

$$O \subset C$$

$$C \cap C$$

$$CH_2=CHCH_2$$

$$CH_2=CHCH_2$$

$$CH_2CH_2CH_2CH_2Si(OCH_3)_3$$
 , and
$$O$$

(C) a crosslinking agent in the form of an organic peroxide.

12-13. (Canceled)

- 14. (**Previously Presented**) A silicone adhesive film prepared by forming the adhesive of claim 11 into a film shape.
- 15. (Previously Presented) A silicone rubber adhesive film prepared by forming the adhesive of claim 11 into a film shape, followed by crosslinking and curing.

16-19. (Canceled)

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